

# WATER PURIFICATION SYSTEM AND METHOD INCLUDING DISPENSED VOLUME SENSING AND CONTROL

## Abstract of the Disclosure

A water purification system for purifying water flowing through  
5 a water flow path. The system includes a water purification device having  
an inlet and an outlet in the water flow path and at least one interior volume  
communicating with the inlet and outlet. A purification medium is disposed  
within the interior volume of the water purification device. A flow control  
system is provided controlling a volume of purified water dispensed from  
10 the outlet. The flow control system includes an input device configured to  
allow a user to input a desired volume of purified water to be dispensed  
from the outlet and a sensing device coupled with the electronic input  
device and operative to determine the volume of purified water being  
dispensed from the outlet. A flow regulation device is coupled with the flow  
15 control system and operative to stop the discharge of purified water at the  
outlet upon reaching the desired volume of purified water.